

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number  
**WO 2005/094098 A1**

(51) International Patent Classification<sup>7</sup>: **H04Q 7/24**

(21) International Application Number:  
PCT/KR2005/000528

(22) International Filing Date: 25 February 2005 (25.02.2005)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:  
10-2004-0012817  
25 February 2004 (25.02.2004) KR  
10-2004-0056406 20 July 2004 (20.07.2004) KR

(71) Applicant (for all designated States except US): **SK  
TELECOM CO., LTD.** [KR/KR]; 11, Euljiro 2-ga,  
Jung-gu, Seoul 100-999 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHA, Bongjun**

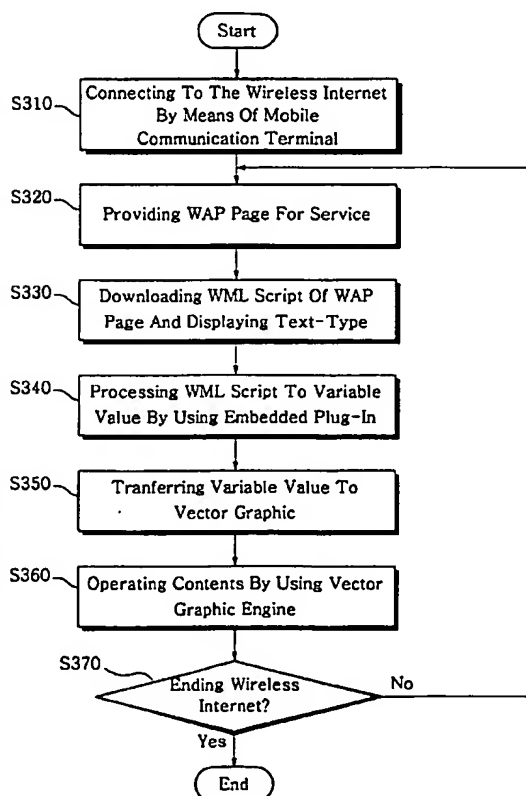
[KR/KR]; (16/6) 367, Bupyeong-dong, Bupyeong-gu,  
Incheon 403-819 (KR). **KIM, Hoojong** [KR/KR]; 7-108,  
Gaepo 1cha Woosung Apt., 503, Daechil- dong, Gang-  
nam-gu, Seoul 135-828 (KR).

(74) Agents: **LEE, Chulhee** et al.; 14F, Hyundai Marine &  
Fire, Insurance Bldg., 646, Yeoksam-dong, Gangnam-gu,  
Seoul 135-080 (KR).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,  
MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,  
PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

[Continued on next page]

(54) Title: **METHOD AND MOBILE TERMINAL FOR IMPLEMENTING VECTOR ANIMATION INTERACTIVE SERVICE  
ON MOBILE PHONE BROWSER**



(57) Abstract: Disclosed is a method for implementing a vector animation interactive service on a mobile communication terminal browser. The method includes the steps of: a) requesting a supply of a WAP page through a wireless Internet; b) downloading a WML script constituting the WAP page; c) transferring the WML script to an embedded plug-in, and processing a portion, which includes information for an image and a dynamic image or execution information for a game in the WML script, at a variable value for conversion in the embedded plug-in; d) transferring the information processed at the variable value to a vector graphic engine; and e) displaying or executing the image, the dynamic image or the game through the vector graphic engine. According to the method, it is possible to provide users with various multimedia services such as interactive menus, games, advertisements and content reproduction even in a state where a browser is not closed, so that browser capacity can be minimized and a resource such as a memory of the mobile communication terminal can be saved. Consequently, it is possible to promote interest of the user for use of a wireless Internet.

WO 2005/094098 A1



(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

**Published:**

— with international search report